

Reporting Requirements

SECTION 9.6

2. The list of NPA codes projected to exhaust over the 10 year planning period for which planning has not yet begun.
3. The status of NPA code relief in progress or being planned

Mitretek will obtain the best forecast information possible from all industry segments and to apply advanced forecasting techniques in order to stem the trend of rapidly advancing exhaust dates with each published COCUS. The final sections of the report will provide reference data for the current time period, including:

1. The current NPA codes, both alphabetically and numerically
2. dialing plan rules by NPA
3. An appendix containing the references to documents which will assist numbering resource users and instructions on how to obtain them.

This report will be available on the NANP Administration Web site. ■

9.6.3 NANP Administration Web Site

The NANP Administration Web site has been described in Section 9.2 above. The material will be repeated here for completeness. It should be noted that all material on the external Web site is public information; there will be no proprietary information residing on the external Web site. This site will also be read-only. All updates and changes to be made to the information on the Web site will be made to the internal Web site and

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replicated externally the next business day. The internal Web site can only be accessed by authenticated authorized NANPA personnel. ■

9.6.3.1 Internal Web Site

The internal WWW site is located on the McLean internal network and is used by McLean-based personnel to update the information provided on the Web. This site is not accessible to outside personnel without authentication or to the public. A user password will be required to update material on the site. At least once each day, the external Web site will be updated with the information on the internal Web site.

Initially, the data on the Web server will be manually updated by NANP Administration personnel. At the end of COCA transition Phase 2, the information on the Web pages will be derived directly from data in the NANP resource and COCA databases.

When Internet security procedures are developed to the point that absolute authentication is supported through the use of public key certificates, the database query and update functions may be performed through this Web site using a Web browser and forms. This is expected in COCA transition Phase 4.

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The internal Web site will be implemented on an IBM-compatible Pentium Pro server running the Windows NT/4.0 operating system and the Microsoft Internet Information Server 3 software. ■

9.6.3.2 External Web Site

The external Web site will be available to anyone on the Internet in a read-only mode.

There will be no access to the databases through this site. The following required resource information will be posted onto this site each business day:

- NANP Administration Information (general information, contact names, telephone numbers, FAX numbers, e-mail addresses)
- NPA Information (assigned, reserved for NPA relief, non-available, assigned by state/region, locations served, dialing plans)
- NPA NXX Code Information (NPA-NXX assigned, carrier, effective date, NPA-NXX test numbers, unavailable NXXs, summary of assigned and available NXXs per NPA, current data reflecting relief activity)
- 900 NXX Information (assigned 900 NXX codes and carrier)
- 500 NXX Information (assigned 500 NXX codes and carrier)
- Carrier Identification Code (CIC) Information (assigned CICs and carrier)
- Vertical Service Code Information (assigned VSCs and purpose)
- 456 NXX Code Information (assigned 456 NXX codes and carrier)

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- ANI II Digits Information (list of ANI II and stated purpose)
- 555-XXXX Line Number Information (assigned 555-XXXX numbers and carrier/service provider)
- N11 Service Code Information (assigned N11 codes and service description)
- 800-855 Number Information (assigned 800-855 numbers and carrier/service provider)

As new number resources are defined, information about them will also be posted. In addition, the following factual information will be included:

- Hot links to INC Number Resource Assignment Guidelines
- NANP Administration Information Letters relative to NPA Code Relief
- Other NANP Administration information as directed by NANC or appropriate regulatory bodies
- Recent NANP Administration Reports (within past six months)

The external Web site will be hosted in an environment that ensures continuous operation and access to sufficient bandwidth. Site activity will be monitored to assess any congestion conditions and corrective action will be taken immediately.

In order to ensure the integrity of the data contained on the external Web site, the serving computer will be connected directly to the security boundary computer. The security firewall software will be configured to route only Web browser connections from the

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Internet to the external Web server computer. Similarly, this firewall will allow “ftp” connections (which can change web pages) to originate only from the NANP Administration internal network. As a final precaution, the following additional steps will be taken on the external Web server:

- The server will offer no services which are not absolutely required for its operation
- The web pages will be served from a restricted set of directories
- User identification and authentication will be required on connections which can modify the web pages
- A suite of tests will be established to verify that all the restrictions are indeed working ■

Pricing

SECTION 10.0

10.0 Pricing

Mitretek is pleased to provide the following Price Proposal. This pricing section addresses the price for all NANP Administration functions and enterprise services. The major administration functions (that is, NANPA and COCA) are quoted as a firm, fixed price. The enterprise services are priced on a fixed price basis, as well as a time and materials basis depending on the specific enterprise service. Prices are quoted in U.S. dollars inclusive of government taxes, customs duties, tariffs, etc. The prices quoted for each function includes all start-up, transitional, managerial overhead, hardware, software, maintenance, travel, salaries, office space, heat, light, power, telecommunications, and all other costs. The prices quoted are based exclusively on the NANC requirements as stated in the NANC Requirements Document.

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Pricing

SECTION 10

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Pricing

SECTION 10

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Pricing

SECTION 10

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Pricing

SECTION 10

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Pricing

SECTION 10

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Compliance Matrix

COMPLIANCE MATRIX

As required by the NANC Requirements Document, Mitretek encloses the following Compliance Matrix. As requested, we have provided, for each section and requirement, a summary of how our proposal responds to the specific client. The Mitretek proposal section numbers corresponds directly to the NANC Requirements Document. For example, the description of the Mitretek NAMP Administration organization structure, as required in Requirements Document Section 9.5, is found in proposal Section 9.5. Proposal section numbers are not repeated in the Compliance Matrix. ■

Compliance Matrix

COMPLIANCE MATRIX

SECTION 1.0 - General Information	REQUIREMENT	PROPOSAL
1.1 Introduction	Information on ability and flexibility to expand the scope of responsibilities from NANPA to include CO Administration	Mitretek has the required ability and flexibility to expand the scope of responsibility from NANP Administration to include CO Code Administration. We have provided information on our ability and flexibility to expand the scope of responsibilities throughout our response with particular focus on CO Code Administration being provided in Proposal Details Section 5.
1.2 Neutrality	<ol style="list-style-type: none"> 1. Non-government 2. Independent third party <ul style="list-style-type: none"> • not a telecommunications service provider • not owned or affiliated 3. Disclosure of any affiliations or 	<ol style="list-style-type: none"> 1. Mitretek is a private sector (that is, non-governmental) corporation. 2. Mitretek is independent. Mitretek is a not-for-profit, non-stock corporation. <ul style="list-style-type: none"> • Mitretek is not a telecommunications service provider, nor can it ever become one, nor can it ever be owned or controlled by one. • Mitretek is not owned or affiliated (in any subordinate or peer contractual arrangement) with any telecommunications sector - service provider or any other entity interested in the outcome of numbering plan administration. Particularly we are not entangled with or beholden to any entity that competes with telecommunications service, equipment, or data providers. Mitretek is held in trust for the public by a board of trustees. 3. Mitretek has no affiliations or associations with


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COMPLIANCE MATRIX

SECTION 1.0 - General Information	REQUIREMENT	PROPOSAL
	associations with telecom	telecommunications equipment or service provider
1.3 Term of Administration	5 years (may be renewed)	Mitretek affirms the 5-year term (with renewal).
1.4 Valid Period for Respondent Proposals	Valid for a period of 12 months	Mitretek's proposal is valid for 12 months.
1.5 Impacts of Regulatory Activities and Industry	Accommodates changes due to new industry or regulatory directives, procedures or guidelines	Mitretek affirms it will accommodate changes in industry and regulatory directives, procedures, and guidelines.
1.6 Performance Review Process	<ol style="list-style-type: none"> 1. Develop and describe internal documented performance monitoring mechanism and make available to the industry through NANC 2. Investigate and report on identified problems within 10 business days 3. Take corrective action 	<ol style="list-style-type: none"> 1. Mitretek has developed (and describes in this response document) performance monitoring mechanisms for all NANP Administration functions. Qualitative performance measures will be contained in our Quarterly Report to the NANC. An industry survey made by an independent organization will be included in our Annual Report to the NANC. The Mitretek NANP Administration will keep the NANC fully informed of all numbering plan matters. 2. Mitretek will investigate and report on identified problems within 10 business days. 3. Mitretek will take corrective action to ensure the proper performance of its duties. The active involvement of a corporate Vice President in the NANP Administration will guarantee that the resources of the entire Mitretek organization will be brought to bear if necessary to resolve deficiencies.
1.8 Preparation and Submission of Proposals	<ol style="list-style-type: none"> 1. Responsible for preparation costs 2. Addressed all requirements 	<ol style="list-style-type: none"> 1. Mitretek is responsible for its proposal costs. 2. Mitretek will address all requirements in its

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SECTION 1.0 - General Information	REQUIREMENT	PROPOSAL
	<p>3. Proposal in proper format</p> <p>4. Signed by a duly authorized representative</p> <p>5. Marked "Proposal-NANPA," identifies name of the respondent organization</p> <p>6. Received by NANC by 12:00 Noon ET on April 3, 1997</p> <p>7. One paper copy and diskette marked "Master Copy" to NANC</p> <p>5. No facsimile</p> <p>6. English</p> <p>7. Forty paper copies in binders and two diskettes in IBM PC, Microsoft Windows, Microsoft Word 6.0/Excel 4.0</p> <p>8. Times New Roman font size 12, printed on one side, double-spaced, 8-</p>	<p>response, Cover Page, Proposed Overview, Proposal Details, Compliance Matrix.</p> <p>3. Mitretek has scrupulously followed the format dictated by the Requirements Document.</p> <p>4. </p> <p>5. Mitretek's proposal package is appropriately marked.</p> <p>6. Mitretek will submit its proposal by 12:00 Noon ET, 3 April 1997.</p> <p>7. Mitretek's response will contain a marked master paper copy and marked master diskette copy.</p> <p>5. Mitretek will not submit by facsimile device.</p> <p>6. Mitretek's response is written in English.</p> <p>7. Mitretek submits 40 paper copies in binders and two IBM PC formatted diskettes with the response in Microsoft Word 6.0/Excel 4.0 format.</p> <p>8. The text of Mitretek's response is printed in Times New Roman font, size 12, on one side, double</p>

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SECTION 1.0 - General Information	REQUIREMENT	PROPOSAL
	<p>1/2x11 3-hole punched paper.</p> <p>9. Each section of proposal begins on new page and is tabbed separately</p> <p>10. Provide additional copies as requested by the FCC.</p> <p>11. Advise NANC Chair in writing if proposal should no longer be considered</p> <p>12. In event of respondent error in quoted price, time or calculations, the quoted price, time and calculations shall prevail</p>	<p>spaced 3 hole punched 8.5" x 11" standard paper. Tables and figures make use of single spaced and appropriate fonts in order to better depict and describe illustrative information, per the communications evaluation criteria.</p> <p>9. Each section of the Mitretek proposal begins on a new page and is tabbed separately.</p> <p>10. Mitretek affirms that additional copies of the response will be provided upon request of the FCC.</p> <p>11. Mitretek affirms that it will advise the NANC Chair if the proposal should no longer be considered.</p> <p>12. Mitretek acknowledges that in the event of respondent error in quoted price, time, or calculations, the quoted price, time and calculations shall prevail.</p>
1.9.1 Evaluation Process	<p>1. Respond to questions concerning proposal in writing</p> <p>2. Participate in individual meeting with evaluators</p>	<p>1. Mitretek affirms that questions concerning the proposal will be responded to in writing.</p> <p>2. Mitretek affirms that it will participate in individual meetings with evaluators. Mitretek is willing to advance the schedule at the request of the NANC.</p>
1.11 Confidentiality and Use of Information	<p>1. Use Requirements Document solely for the purposes of responding</p> <p>2. No publicity or news release about Requirements Document or selection</p>	<p>1. Mitretek affirms that it has used and will only use the Requirements Document for the purpose of responding.</p> <p>2. Mitretek affirms that it will make no effort to gain publicity or issue a news release about the</p>

Compliance Matrix**COMPLIANCE MATRIX**

SECTION 1.0 - General Information	REQUIREMENT	PROPOSAL
	of a respondent without prior written approval of NANC	Requirements Document or selection of respondent, without prior written approval of the NANC.
1.12 Inquiries	All questions and concerns forwarded in writing to Chair of NANC, copy Designated Federal Official	Mitretek affirms that it will forward all questions and concerns in writing to the Chair of NANC with a copy to the designated federal official.



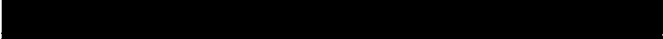
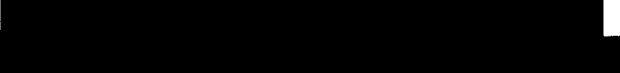
Compliance Matrix

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SECTION 2.0 - Proposal Outline and Respondent Information	REQUIREMENT	PROPOSAL
2.0 Proposal Outline and Respondent Information	<p>Cover Page - Includes contact name, address, phone number, fax number, date, and signature of authorized representative</p> <p>Proposal Overview</p> <ol style="list-style-type: none"> Summary of key features and deviations and exceptions Use of subcontractors Certification that respondent and any subcontractor comply with the provisions of the Requirements Document in its submission Identify willingness to accept a recommendation that will assign to them the administration of either Part 1 or Part 2 <p>Respondent Information</p> <p>Description of Respondent's Business</p>	<p>Mitretek's response has a cover page with a contact name, address, phone number, fax number, date, and signature of an authorized representative.</p> <p>Mitretek is submitting a proposal overview.</p> <ol style="list-style-type: none"> Mitretek summarizes its key features, seeks no deviations, and takes no exceptions. Mitretek proposes no subcontractors. Mitretek certifies that it complies, and any subcontractor that it should ever employ will comply with the provisions of the requirements document in its submission. Mitretek is submitting a response only to Part 1, as stated in the Requirements Document. Mitretek is willing to accept a recommendation that will assign them administration of Part 1. <p>Mitretek is submitting Respondent Information with the following information:</p> <p>Mitretek is a not-for-profit scientific research and engineering corporation with no business alliances or affiliations with profit-making companies. Mitretek evaluates complex technologies for governments and not-for-profit entities. Mitretek has particular strength in telecommunications technology.</p>

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COMPLIANCE MATRIX

SECTION 2.0 - Proposal Outline and Respondent Information	REQUIREMENT	PROPOSAL
	Respondent Financial Information	Mitretek is a financially stable company that is audited by independent auditors on an annual basis. Mitretek submits financial statements with its response.
	Additional Information	Mitretek seeks no "cure" and affirms that it currently meets the three actual neutrality criteria. We also meet the "lack of appearance of bias" neutrality criteria of the Requirements Document.
	List of Company Officers	
	Performance Bond	Mitretek affirms that it is bondable and includes demonstrated evidence that it is bondable.
	Legal Proceedings	Mitretek affirms that it is involved in no legal proceedings that can materially affect it.
	References	 <ul style="list-style-type: none"> •  • 

Compliance Matrix

COMPLIANCE MATRIX

SECTION 2.0 - Proposal Outline and Respondent Information	REQUIREMENT	PROPOSAL
	<p>Proposal Details</p> <p>Compliance Matrix</p>	<ul style="list-style-type: none"> • [REDACTED] <p>Mitretek is submitting its Proposal Details with the requested information.</p> <p>Mitretek is submitting this Compliance Matrix with a high-level summary of the detailed information in the proposal.</p>
2.1 Respondent Confidential Information	Recommended respondent submits proposal with confidential information deleted	Mitretek affirms that it will submit a copy of its proposal with confidential information deleted as requested to by the NANC, NANC's selection committee, or the FCC.

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SECTION 3.0 - NANPA Qualities and Attributes	REQUIREMENT	PROPOSAL
3.0 NANPA Qualities and Attributes	<ol style="list-style-type: none"> 1. Knowledge about telecommunication network operations (routing, rating, billing), determine legitimacy of applications, assignments to appropriate service providers 2. Information resource capability 3. Capability to develop, operate, and maintain hardware, software, and mechanized systems 4. Management skills - organization, 	<ol style="list-style-type: none"> 1. Mitretek has a long history of developing and helping to operate telecommunications systems. Our experience in developing new models for the new telecommunications industry and market allows us the fresh perspectives needed for the implementation of the new NANP Administration. In addition to the recognized Mitretek expertise in traffic analysis and telecommunications forecasting techniques, Mitretek has already retained numbering plan professionals to complement our existing staff. 2. Mitretek staff are experienced in acting as an information resource for industry, often acting on behalf of our clients to provide answers to highly technical inquiries. 3. Mitretek has a long history of developing a broad spectrum of computer systems, using technologies such as mainframe, client/server, database machines, large-scale databases, real-time systems, and transaction critical systems. We have developed specific operational systems for telecommunications pricing including rating and pricing of individual calls. Our NANP Administration systems are already being brought on-line. 4. Mitretek affirms that it has the appropriate

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SECTION 3.0 - NANPA Qualities and Attributes	REQUIREMENT	PROPOSAL
	<p>resource management, staffing, budgeting</p> <p>5. Project management skills</p> <p>6. Interpersonal and negotiation skills</p> <p>7. Management of proprietary and competitively sensitive data</p>	<p>management skills in organization, resource management, staffing and budgeting.</p> <p>5. Mitretek affirms that it can demonstrate appropriate project management skills. We have served as system engineer or project manager on some of the largest telecommunications and information systems built by the U.S. federal government.</p> <p>6. Mitretek managers and staff are active participants in face-to-face negotiations involving billion dollar contracts and other forums requiring interpersonal skills, as well as telecommunications knowledge, to build a consensus around difficult and complex issues affecting many stakeholders. We are called upon to negotiate sensitive technical compliance and telecommunications price issues, many times providing the unbiased analytic foundation for reaching a consensus. Our staff provide expert witness testimony in regulatory, legislative, and judicial settings.</p> <p>7. Mitretek's experience in managing proprietary data and competitively sensitive information derives from our experience in handling the most sensitive and classified national security information. The telecommunications price information that we routinely use for our clients' acquisition and management purposes represents the most</p>

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SECTION 3.0 - NANPA Qualities and Attributes	REQUIREMENT	PROPOSAL
	<p>8. Public relations skills</p> <p>9. Legal counsel and telecommunication law competency</p>	<p>fundamental competitive information of the largest telecommunications carriers, yet we are entrusted with it and have never broken that trust.</p> <p>8. Mitretek often serves in roles that require us to explain complex telecommunications issues to the public, the media, and others not expert in the field. We have successfully performed this role in many public, legislative, regulatory, and judicial settings. We often provide a bridge of understanding between the technology and policy experts.</p> <p>9. In addition to Mitretek Counsel, our telecommunications staff includes professionals experienced in ensuring compliance with legal and regulatory laws. Our client's counsel appreciates Mitretek's ability to minimize litigation risk to our clients, as well as our ability to assist in the defense when litigation does occur.</p>
3.1 Personal Resumes of Respondent's Personnel and Sub-contractors	<p>1. Identify personnel</p> <p>2. Provide employee resumes</p>	<p>1. Mitretek identifies specific personnel who will work on the NANP Administration program, staff who will be used to support the NANP Administration program, and staff available for NANP Administration projects.</p> <p>2. Mitretek has included the resumes of staff in its proposal package; summarized resumes of key staff are provided in Section 3.1 and full resumes are provided in Appendix N.</p>

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SECTION 4.0 - NANP Administration Functional Requirements	REQUIREMENT	PROPOSAL
4.1 General Responsibilities	<ol style="list-style-type: none"> 1. Assign and administer in an efficient, effective, unbiased, and non-discriminatory manner 2. Advise industry on numbering issues to support current and future needs 	<ol style="list-style-type: none"> 1. Mitretek will assign and administer NANP resources in an efficient, effective, unbiased, and non-discriminatory manner. 2. Mitretek will advise industry on numbering issues to support current and future needs.
4.1.1	Maintain relationship with governmental and regulatory bodies, address policy directives	Mitretek will establish and maintain relationships with U.S., Canadian, and Caribbean governmental and regulatory bodies and address their policy directives.
4.1.2	Participate in numbering standards and industry fora	Mitretek will cooperate with and actively participate in numbering bodies and industry fora, including INC and the Canadian Steering Committee on Numbering.
4.1.3	Represent NANP at national and global numbering bodies	Mitretek will represent NANP at national and global numbering activities.
4.1.4	Attend SGA and SG2 ITU	Mitretek will attend U.S. Study Group A meetings and maintain a working knowledge of Study Group 2 ITU activities.
4.1.5	Review requests for all numbering resources, refer to appropriate industry forum and participate in recommendation	Mitretek will review requests for all numbering resources; and when necessary refer to the appropriate industry fora and participate in solution development.
4.1.6	Maintain necessary administrative staff - legal, financial, technical, equipment, facilities, billing	Mitretek will maintain the necessary administrative staff to perform the NANP Administration functions - legal, financial, technical, equipment, facilities, billing.

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SECTION 4.0 - NANP Administration Functional Requirements	REQUIREMENT	PROPOSAL
4.1.7	Recognize new issues not yet addressed by industry and refer to proper forum	Mitretek NANP Administration will be managed in accordance with published guidelines, and will exercise appropriate judgment to refer matters to appropriate industry bodies when guidelines are not available.
4.1.8	Respond to information requests from industry and regulators	Mitretek will respond to information requests from industry and regulators.
4.1.9	Provide numbering information to requesters via web, electronic or paper based on requesters accessibility	Mitretek will provide numbering information to requesters via web, electronic, or paper based upon the preference of the requester. Mitretek's systems that act as our source data for the web site will be designed for alternative paper or fax delivery of information upon request.
4.1.10	Provide assistance to used to optimize number resource utilization	Mitretek will provide assistance to optimize number resource utilization.
4.1.11	Coordinate number resource activities with NANP member counties' administrators	Mitretek will coordinate number resource activities with NANP member countries' administrators.
4.1.12	Determine final allocation methodology for sharing costs between NANP countries	The final allocation methodology will be determined by the nations participating in the NANP (as represented by the U.S. FCC, Industry Canada, and appropriate Caribbean regulatory bodies) with inputs from the new NANP Administration. The new NANP Administration will not be requested to make this decision.
4.2	NANP Number Resource	